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DIVISION OF ENVIRONMENTAL HEALTH

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March 5, 1990

Dee J. Williamson
Department of Energy
Grand Junction Project Office
P. O. box 2567
Grand Junction, Colorado 81502-2567

RE: Proposed ROD wording for Operable Unit III

Dear Mr. Dee Williamson:

At our last meeting, the DOE requested the State of Utah submit proposed wording for Operable Unit III (Ground Water) for the Monticello Millsite ROD. We submit the following wording for your consideration:

Operable Unit III - Ground Water:

Remedial action of Operable Unit III addresses cleanup of the groundwater contamination. Operable Units I/II are scheduled to be completed over a five year period. Post surveillance reviews are scheduled under CERCLA at five year intervals commencing with removal of the source material.

During the remedial action of Operable Units I/II, the characteristics of the ground water (Operable Unit III) will be altered. Remedial action construction will cause three changes to the aquifer:

- 1) All surface water, a principle source of ground water, will be diverted around the site. This will cause unknown effects in the attenuation and chemical properties of soils below the site.
- 2) Prior to construction the site must be dewatered, thus removing a large amount of water from the aquifer. All water from dewatering and construction activities will be treated in an appropriate manner.
- 3) The contaminates soil in the aquifer will be removed during remedial action. The contaminated water retained in the contaminated soils will be removed with the soils.

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The results of these changes will have an unknown effect on the characteristics of the aquifer.

Throughout construction of Operable Units I/II, a ground-water monitoring program of the alluvial and Burro Canyon aquifers will be conducted. This monitoring program will continue for three years after removal of the contaminated material. As monitoring continues during the three year period the DOE, EPA, and the State of Utah will periodically review the results of the monitoring data and determine what additional steps, if any, will be required to complete aquifer restoration. When sufficient data has been gathered to warrant a final decision for ground-water restoration, a Record of Decision will be produced for Operable Unit III.

Institutional controls will be implemented prior to construction. These controls will be maintained until the aquifer is in compliance with the prevailing standards.

If you have any question, please contact Steven Peterson at (801) 538-6170.

Sincerely,



Kent P. Gray
CERCLA Branch Manager

KPG/SJP/sjp

CC: Paul S. Mushovic